

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
 Data File : BG064501.D
 Acq On : 14 Oct 2025 15:31
 Operator : RC/JU
 Sample : Q3327-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HADLEY-ROAD-TP

Quant Time: Oct 14 16:08:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	16828	20.000	ng	# 0.00
21) Naphthalene-d8	10.608	136	64240	20.000	ng	0.00
39) Acenaphthene-d10	14.450	164	40733	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	105490	20.000	ng	# 0.00
76) Chrysene-d12	21.413	240	135165	20.000	ng	0.00
86) Perylene-d12	24.386	264	149134	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	125029	137.502	ng	0.00
7) Phenol-d6	7.000	99	143065	117.081	ng	0.01
23) Nitrobenzene-d5	8.975	82	118320	99.036	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	116045	157.170	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	282163	102.106	ng	0.00
79) Terphenyl-d14	19.809	244	616814	86.363	ng	0.00

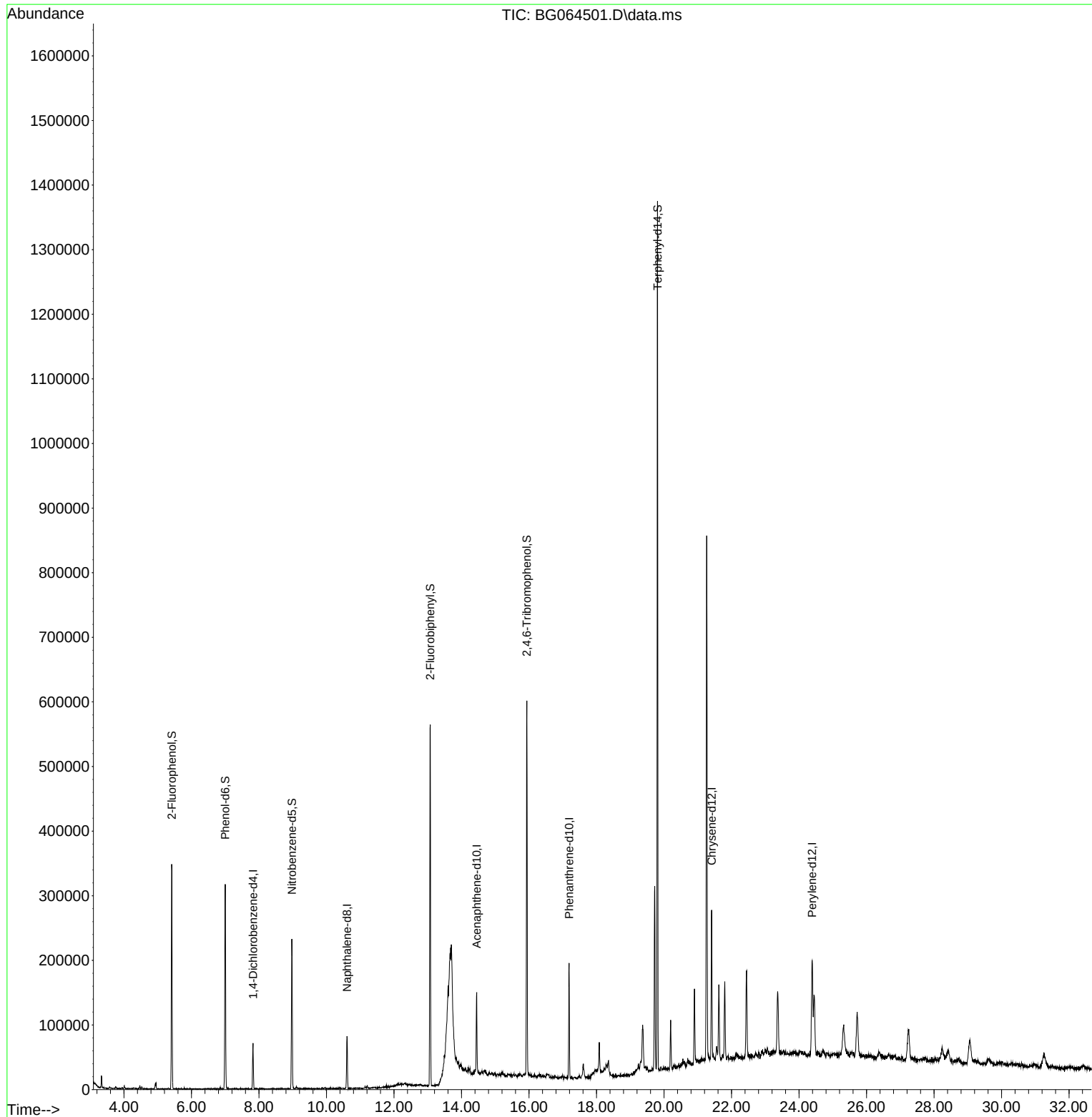
Target Compounds Qvalue

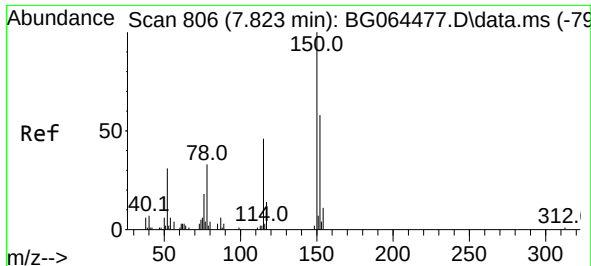
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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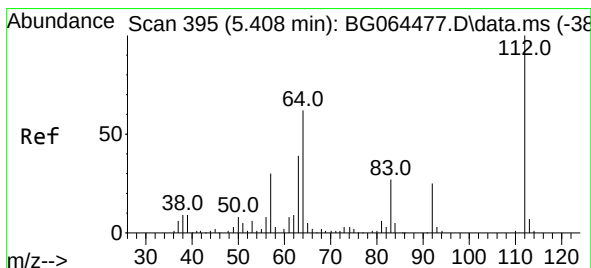
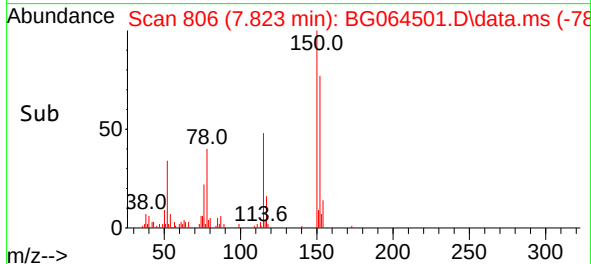
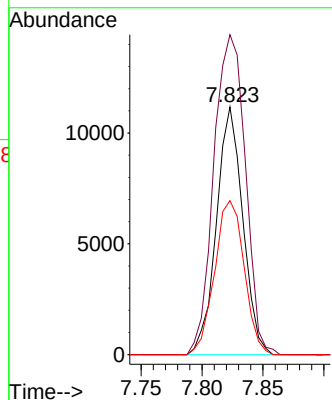
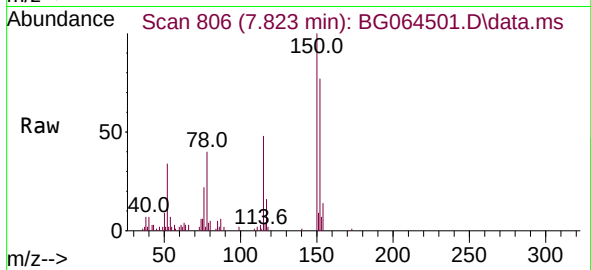




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.823 min Scan# 806
 Delta R.T. 0.003 min
 Lab File: BG064501.D
 Acq: 14 Oct 2025 15:31

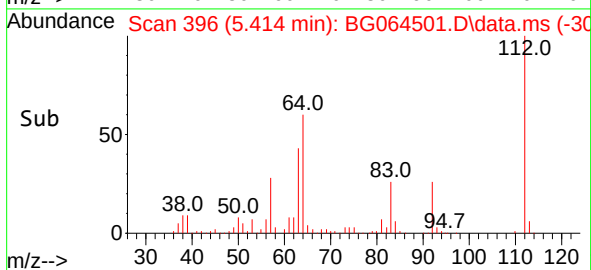
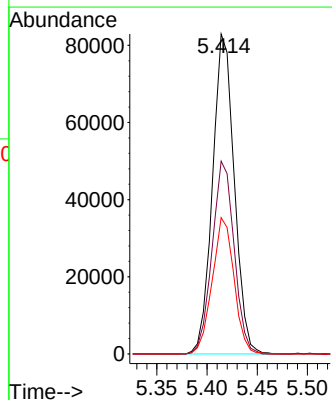
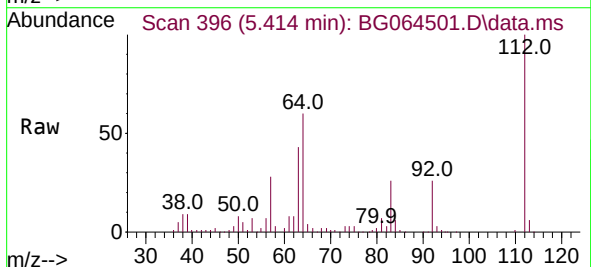
Instrument :
 BNA_G
 ClientSampleId :
 HADLEY-ROAD-TP

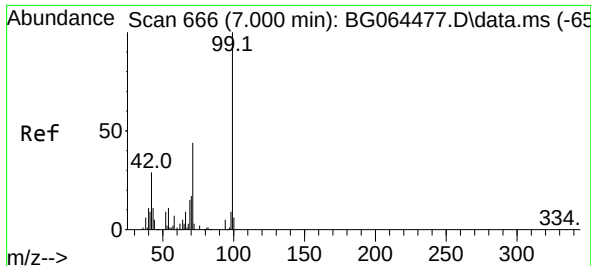
Tgt Ion:152 Resp: 16828
 Ion Ratio Lower Upper
 152 100
 150 129.2 138.6 207.8#
 115 62.2 63.4 95.2#



#5
 2-Fluorophenol
 Concen: 137.502 ng
 RT: 5.414 min Scan# 396
 Delta R.T. 0.008 min
 Lab File: BG064501.D
 Acq: 14 Oct 2025 15:31

Tgt Ion:112 Resp: 125029
 Ion Ratio Lower Upper
 112 100
 64 60.2 49.8 74.8
 63 42.6 31.3 46.9

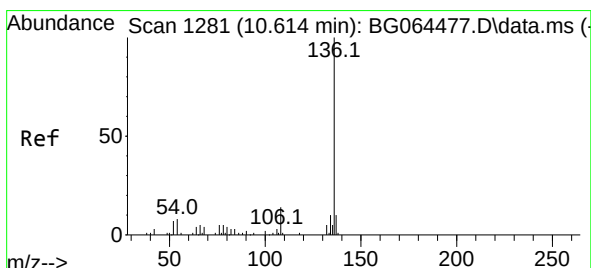
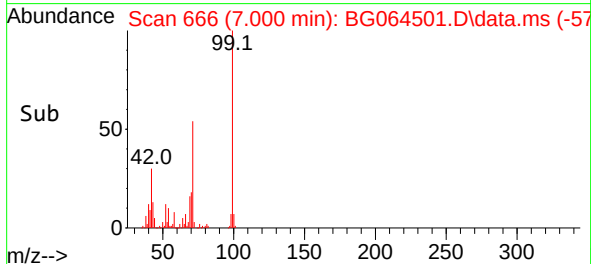
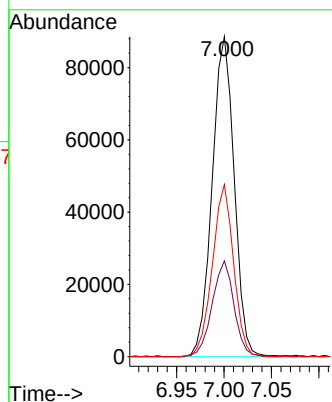
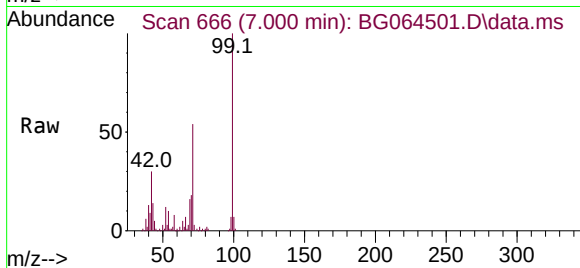




#7
Phenol-d6
Concen: 117.081 ng
RT: 7.000 min Scan# 60
Delta R.T. 0.014 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

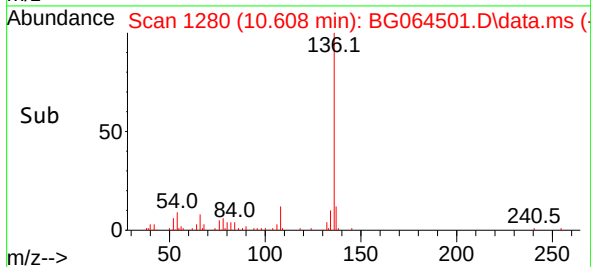
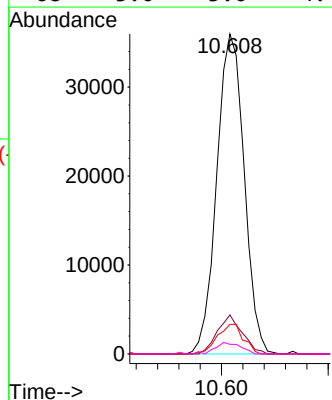
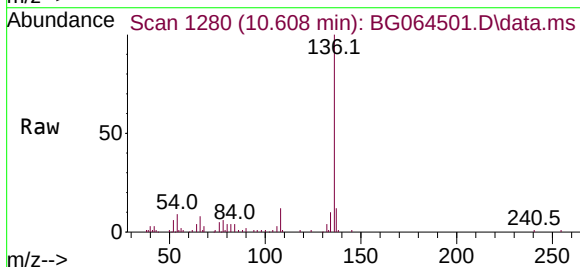
Instrument :
BNA_G
ClientSampleId :
HADLEY-ROAD-TP

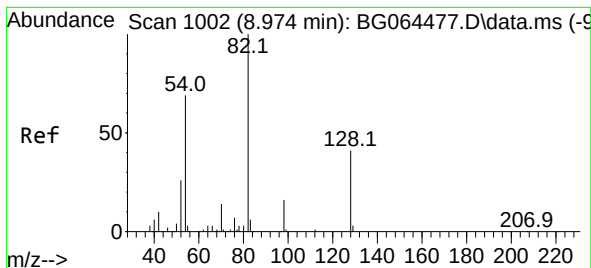
Tgt Ion: 99 Resp: 143065
Ion Ratio Lower Upper
99 100
42 29.9 22.9 34.3
71 53.8 35.4 53.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1280
Delta R.T. 0.002 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

Tgt Ion:136 Resp: 64240
Ion Ratio Lower Upper
136 100
137 12.2 8.3 12.5
54 9.2 6.2 9.4
68 3.0 3.0 4.4





#23

Nitrobenzene-d5

Concen: 99.036 ng

RT: 8.975 min Scan# 1002

Delta R.T. 0.008 min

Lab File: BG064501.D

Acq: 14 Oct 2025 15:31

Instrument :

BNA_G

ClientSampleId :

HADLEY-ROAD-TP

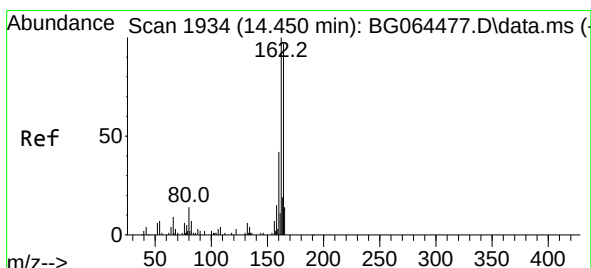
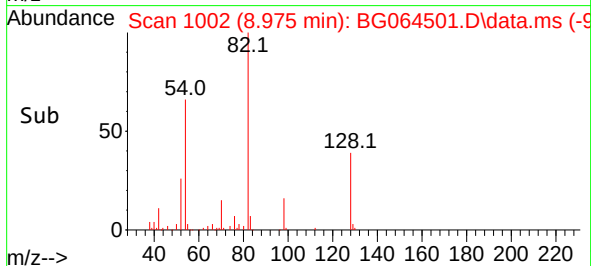
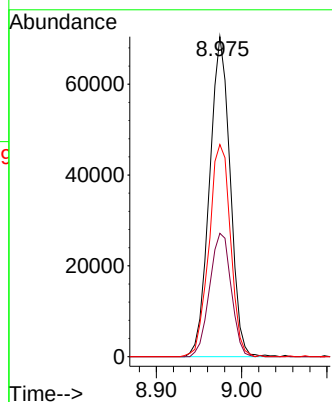
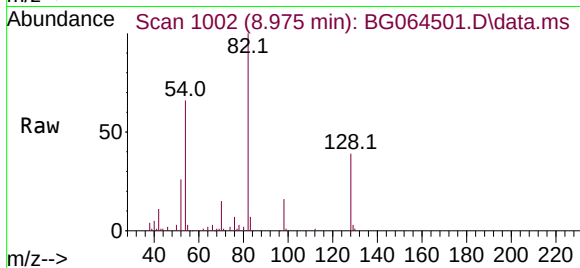
Tgt Ion: 82 Resp: 118320

Ion Ratio Lower Upper

82 100

128 38.5 33.1 49.7

54 66.3 55.4 83.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.450 min Scan# 1934

Delta R.T. 0.002 min

Lab File: BG064501.D

Acq: 14 Oct 2025 15:31

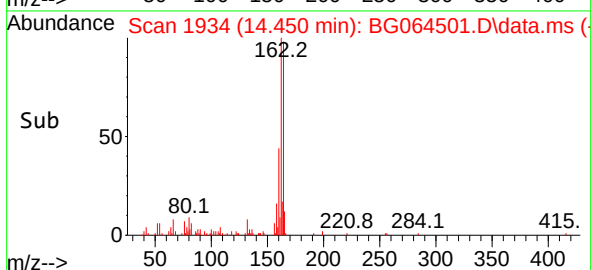
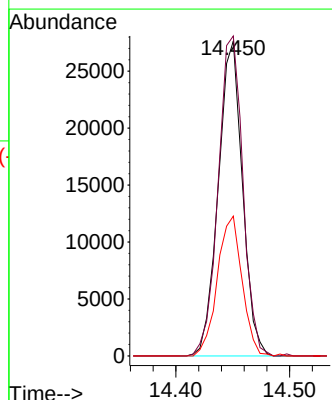
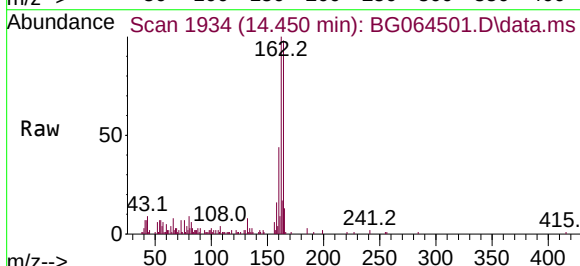
Tgt Ion:164 Resp: 40733

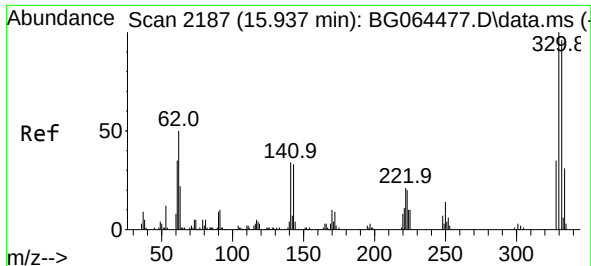
Ion Ratio Lower Upper

164 100

162 101.6 82.2 123.2

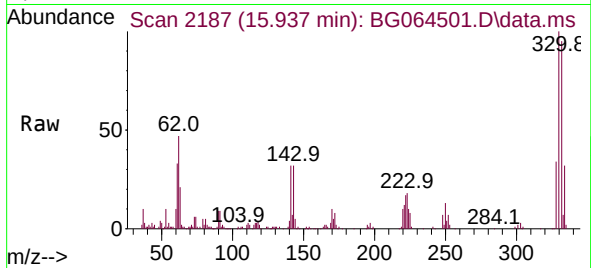
160 44.4 34.3 51.5



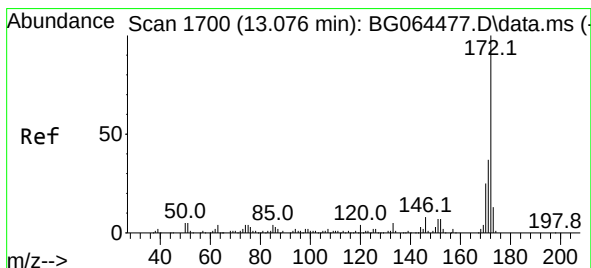
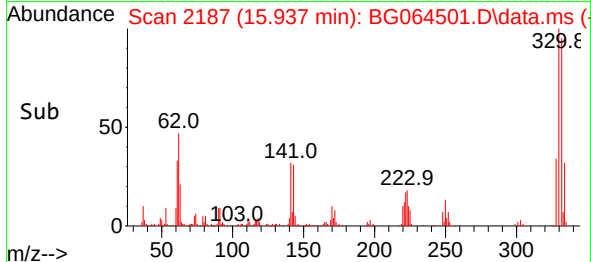
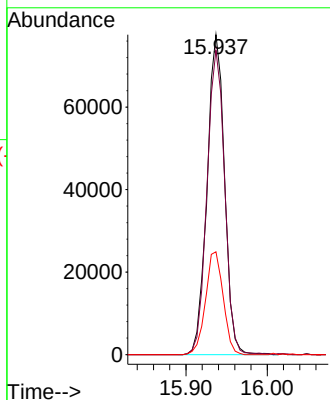


#42
2,4,6-Tribromophenol
Concen: 157.170 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.002 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

Instrument :
BNA_G
ClientSampleId :
HADLEY-ROAD-TP

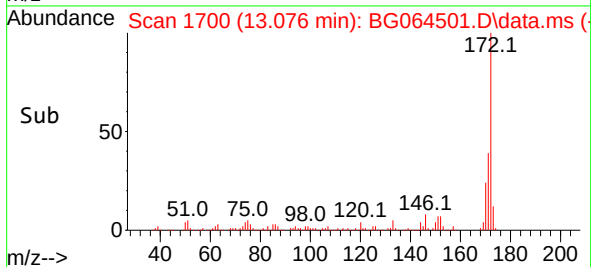
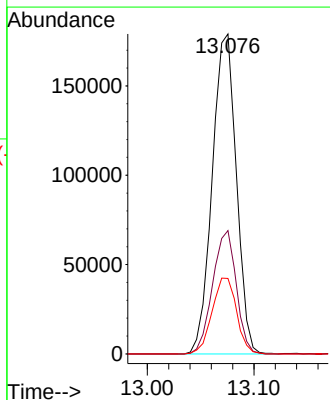
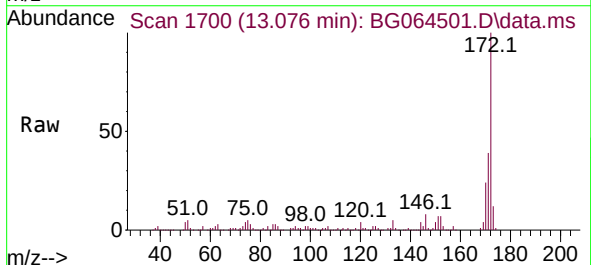


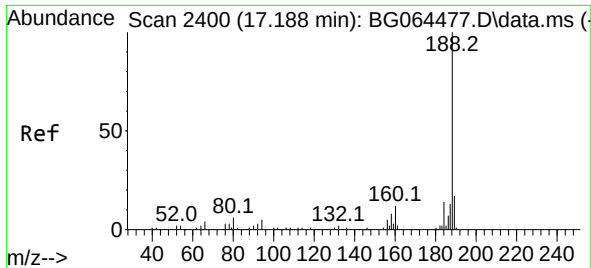
Tgt Ion:330 Resp: 116045
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 32.5 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 102.106 ng
RT: 13.076 min Scan# 1700
Delta R.T. 0.008 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

Tgt Ion:172 Resp: 282163
Ion Ratio Lower Upper
172 100
171 38.5 29.6 44.4
170 23.6 20.2 30.2

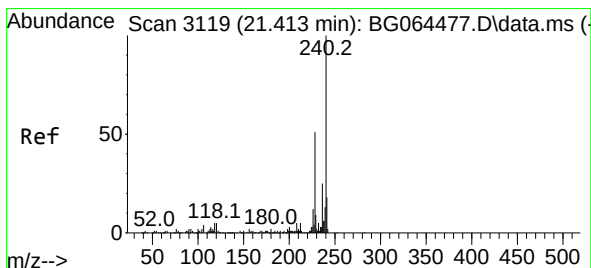
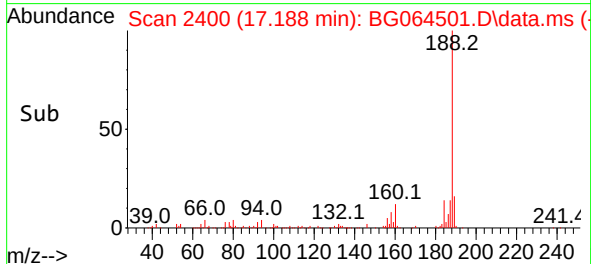
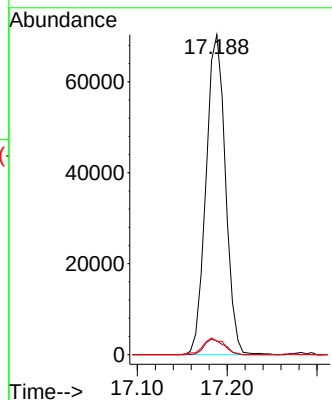
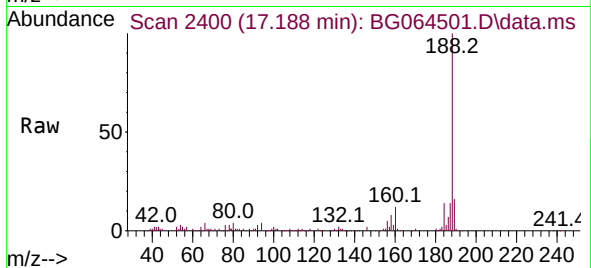




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

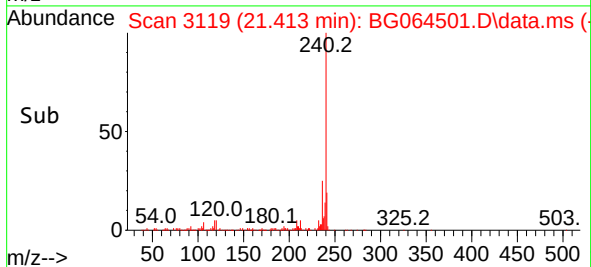
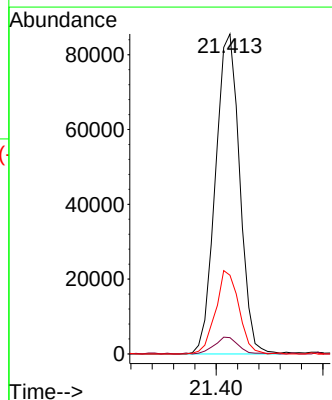
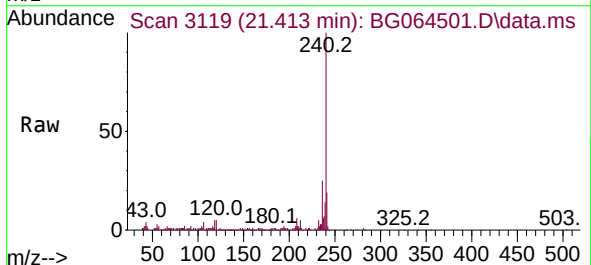
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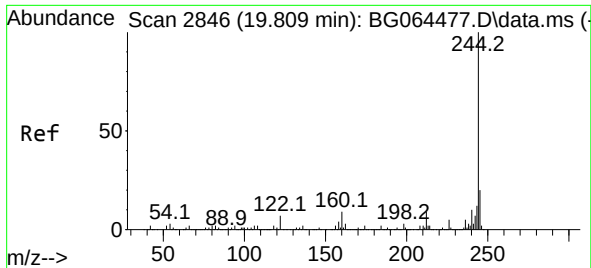
Tgt Ion:188 Resp: 105490
Ion Ratio Lower Upper
188 100
94 4.3 3.7 5.5
80 4.2 4.5 6.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.413 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

Tgt Ion:240 Resp: 135165
Ion Ratio Lower Upper
240 100
120 5.1 4.3 6.5
236 24.6 20.4 30.6

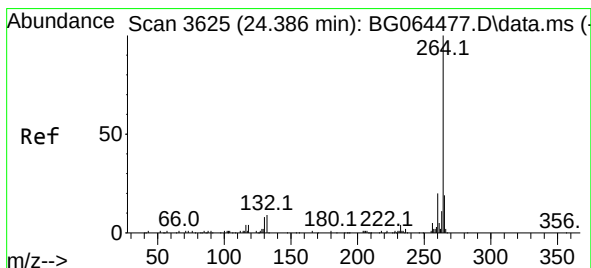
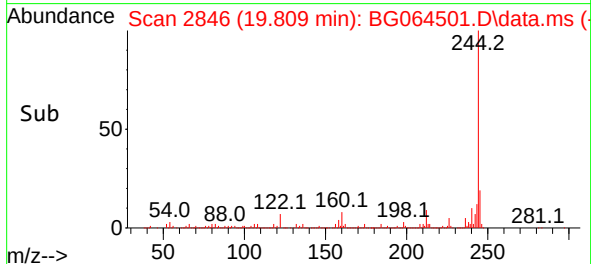
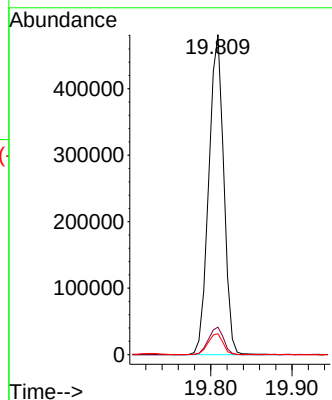
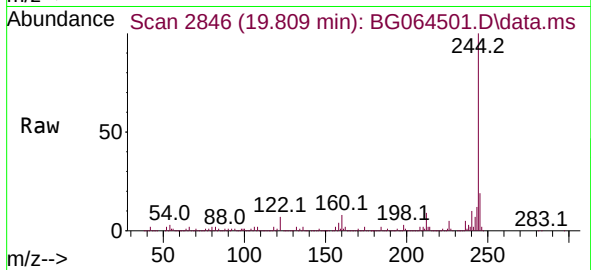




#79
 Terphenyl-d14
 Concen: 86.363 ng
 RT: 19.809 min Scan# 2846
 Delta R.T. 0.002 min
 Lab File: BG064501.D
 Acq: 14 Oct 2025 15:31

Instrument :
 BNA_G
 ClientSampleId :
 HADLEY-ROAD-TP

Tgt Ion:244 Resp: 616814
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.0 10.6
 122 6.5 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.386 min Scan# 3625
 Delta R.T. -0.003 min
 Lab File: BG064501.D
 Acq: 14 Oct 2025 15:31

Tgt Ion:264 Resp: 149134
 Ion Ratio Lower Upper
 264 100
 260 24.5 16.2 24.4#
 265 23.3 15.0 22.4#

